

451

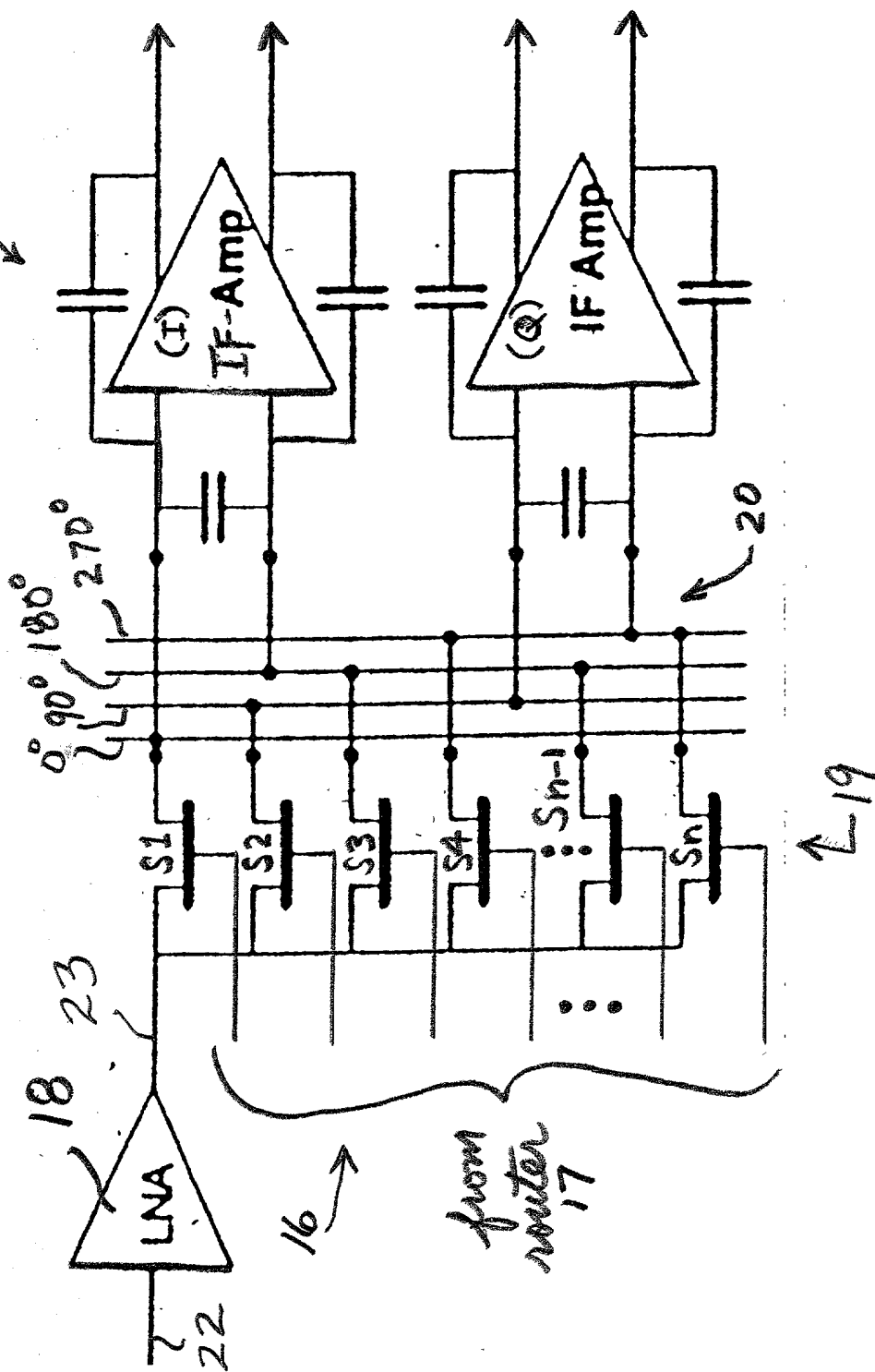


FIG. 2

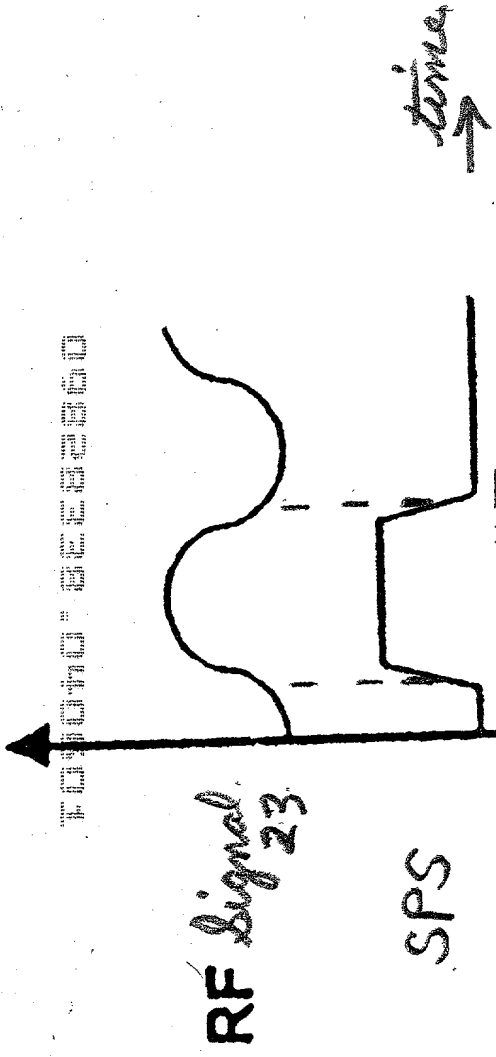


Fig. 3

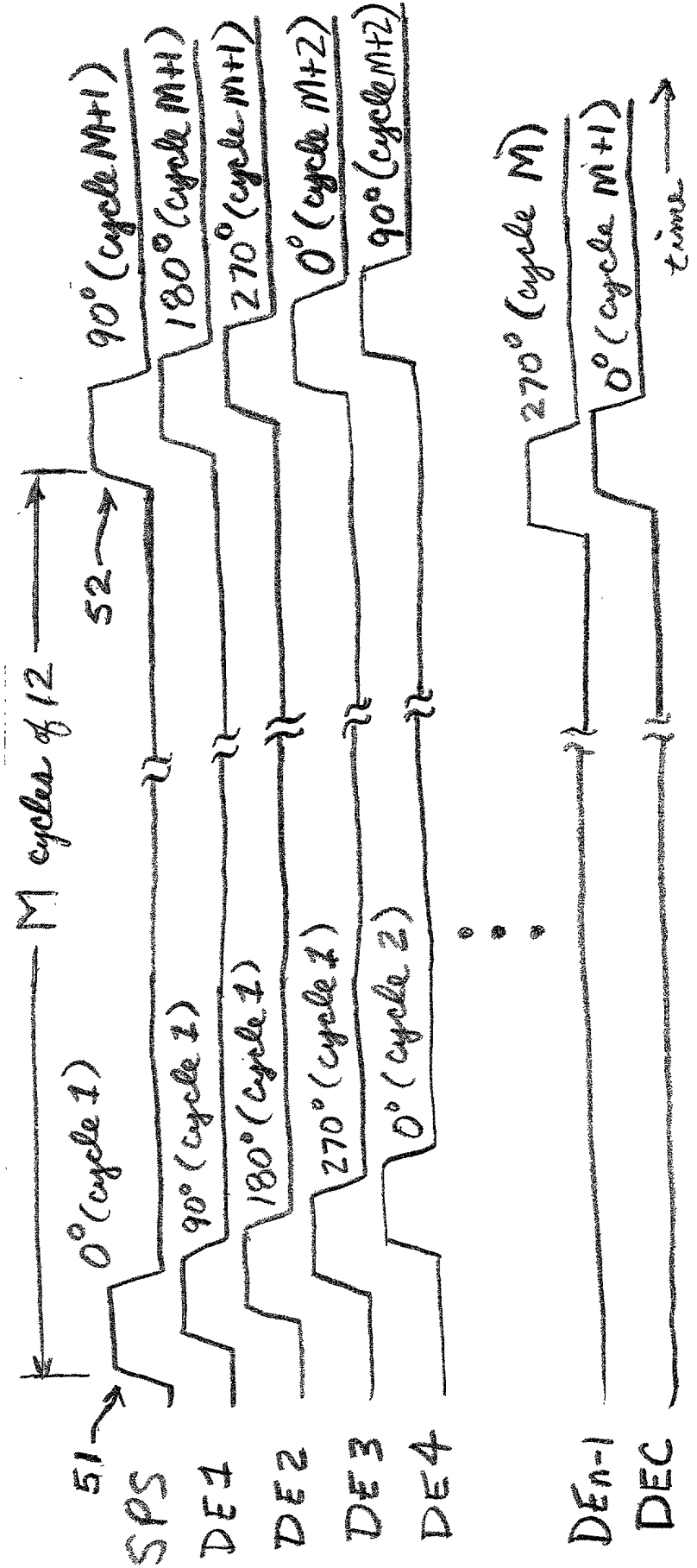


Fig. 5

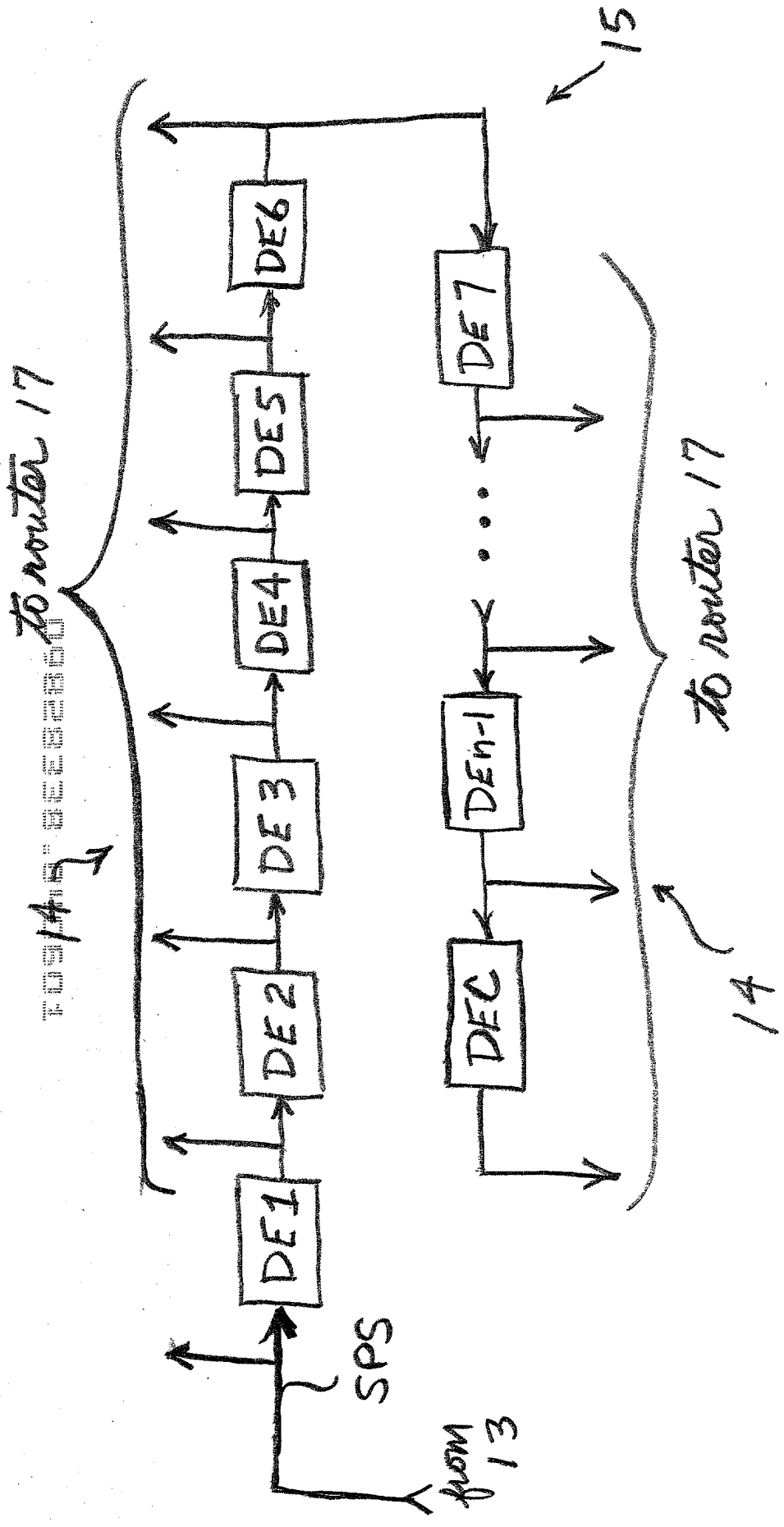


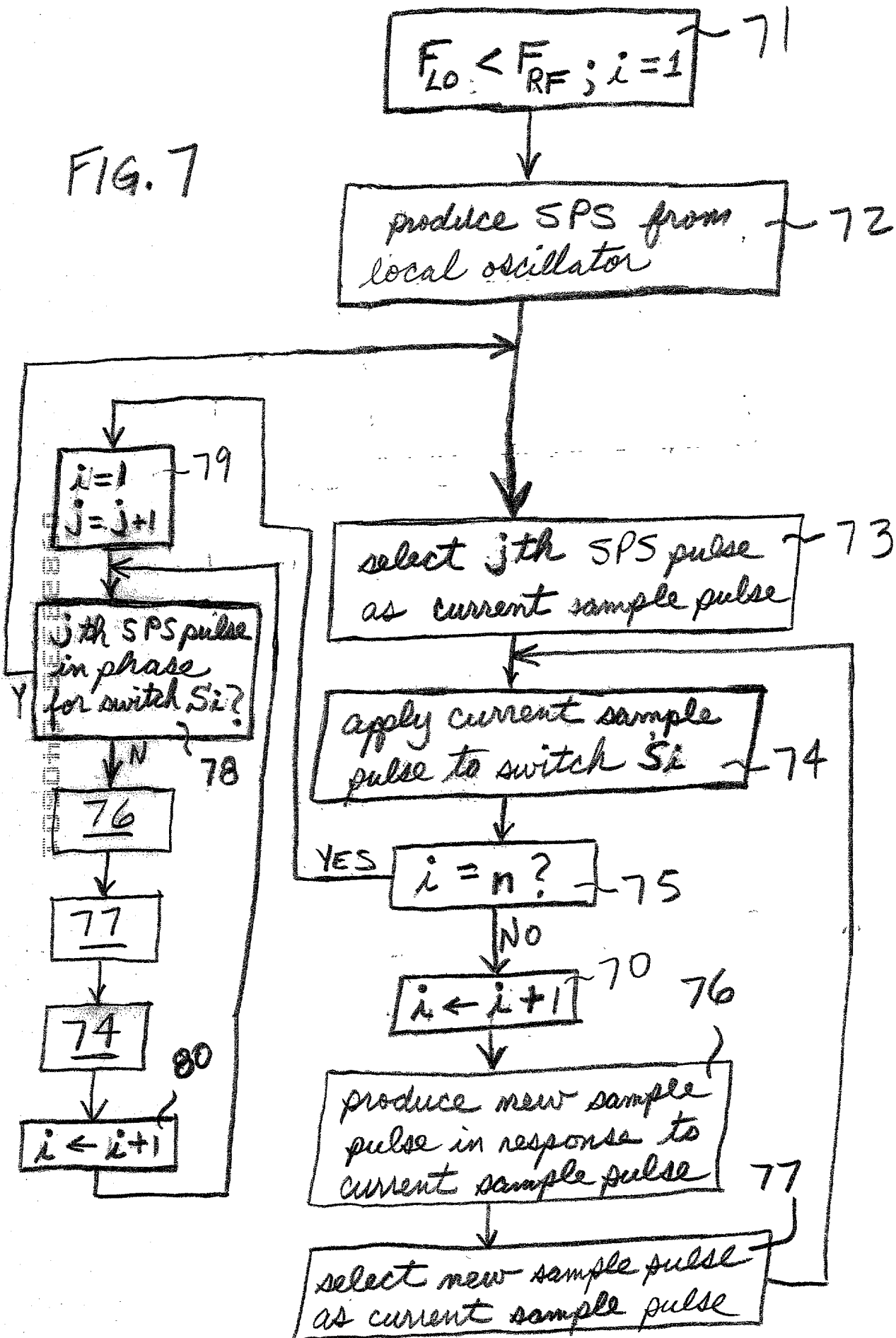
FIG. 4

SWITCH (PHASE)	RF cycle	Pulse source	RF cycle	Pulse source	RF cycle	Pulse source	RF cycle	Pulse source
$\rightarrow S_1 (0)$	$K$	SPS	$K+4$	DEC	$K+8$	DE15	$K+12$	DE14
$S_2 (90)$	$\downarrow$	DE1	$\downarrow$	SPS	$\downarrow$	DEC	$\downarrow$	DE15
$S_3 (180)$	$\downarrow$	DE2	$\downarrow$	DE1	$\downarrow$	SPS	$\downarrow$	DEC
$S_4 (270)$	$\downarrow$	DE3	$\downarrow$	DE2	$\downarrow$	DE1	$\downarrow$	SPS
$S_5 (0)$	$K+1$	DE4	$K+5$	DE3	$K+9$	DE2	$K+13$	DE1
$S_6 (90)$	$\downarrow$	DE5	$\downarrow$	DE4	$\downarrow$	DE3	$\downarrow$	DE2
$S_7 (180)$	$\downarrow$	DE6	$\downarrow$	DE5	$\downarrow$	DE4	$\downarrow$	DE3
$S_8 (270)$	$\downarrow$	DE7	$\downarrow$	DE6	$\downarrow$	DE5	$\downarrow$	DE4
$S_9 (0)$	$K+2$	DE8	$K+6$	DE7	$K+10$	DE6	$K+14$	DE5
$S_{10} (90)$	$\downarrow$	DE9	$\downarrow$	DE8	$\downarrow$	DE7	$\downarrow$	DE6
$S_{11} (180)$	$\downarrow$	DE10	$\downarrow$	DE9	$\downarrow$	DE8	$\downarrow$	DE7
$S_{12} (270)$	$\downarrow$	DE11	$\downarrow$	DE10	$\downarrow$	DE9	$\downarrow$	DE8
$S_{13} (0)$	$K+3$	DE12	$K+7$	DE11	$K+11$	DE10	$K+15$	DE9
$S_{14} (90)$	$\downarrow$	DE13	$\downarrow$	DE12	$\downarrow$	DE11	$\downarrow$	DE10
$S_{15} (180)$	$\downarrow$	DE14	$\downarrow$	DE13	$\downarrow$	DE12	$\downarrow$	DE11
$S_{16} (270)$	$\downarrow$	DE15	$\downarrow$	DE14	$\downarrow$	DE13	$\downarrow$	DE12
	$\downarrow$	$\vdots \rightarrow \text{to } K+4$	$\downarrow$	$\vdots \rightarrow \text{to } K+8$	$\downarrow$	$\vdots \rightarrow \text{to } K+12$	$\downarrow$	$\vdots$

FIG. 6

to cycle  $K \leftarrow \boxed{K=K+16} \leftarrow \vdots$

FIG. 7



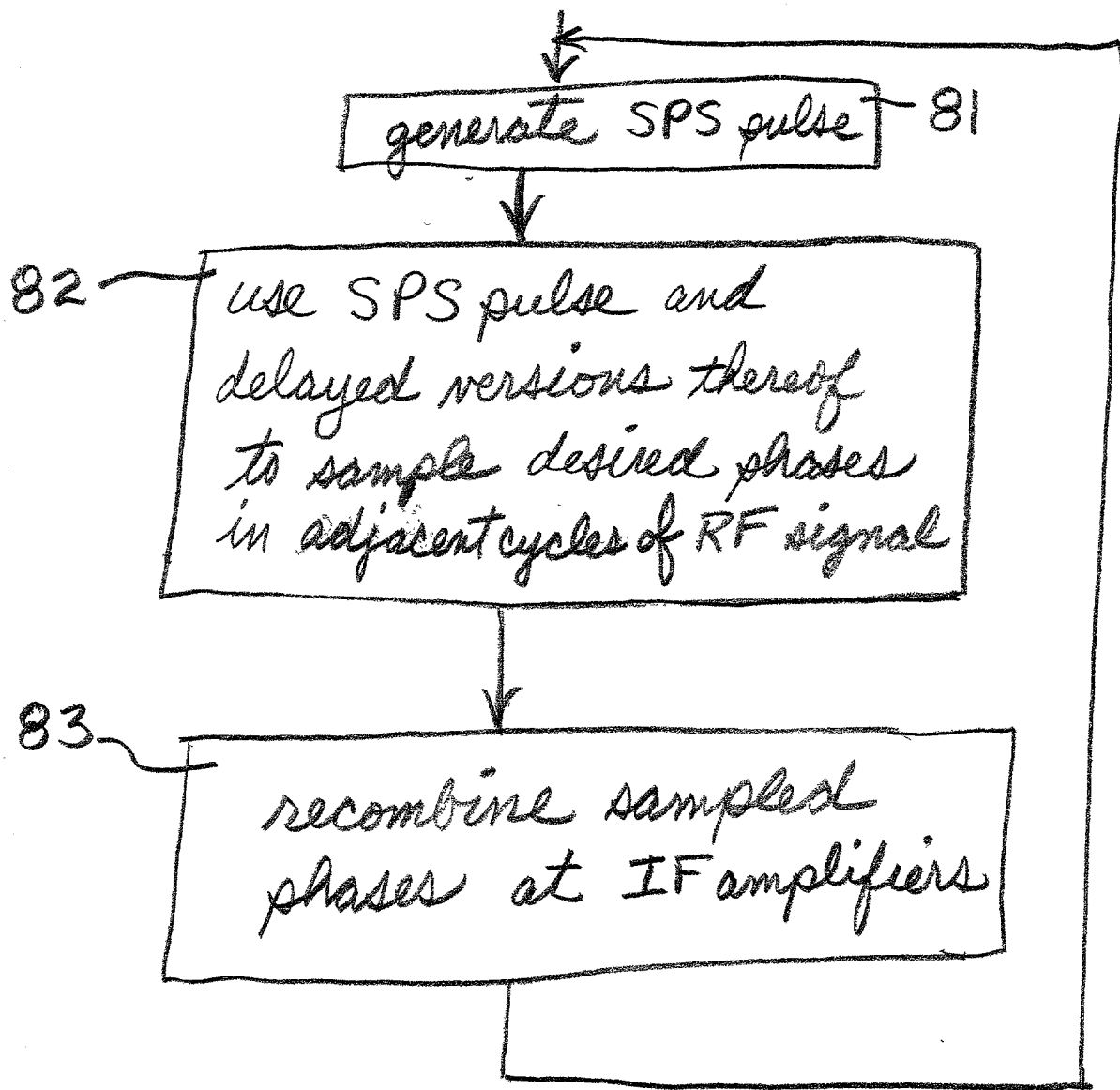


FIG. 8

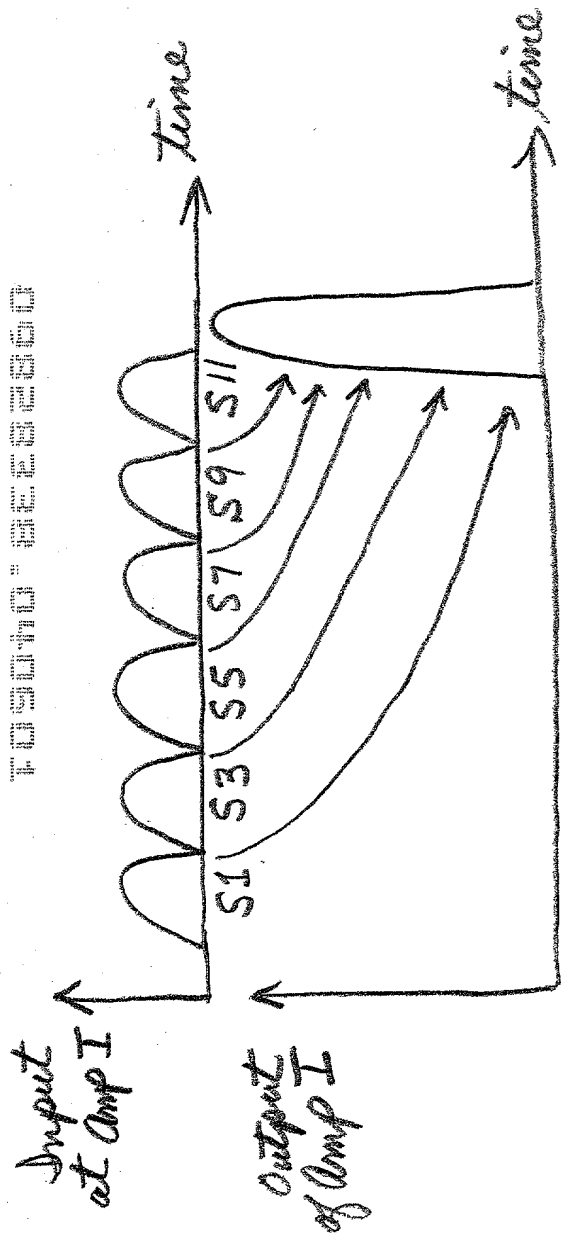


FIG. 9

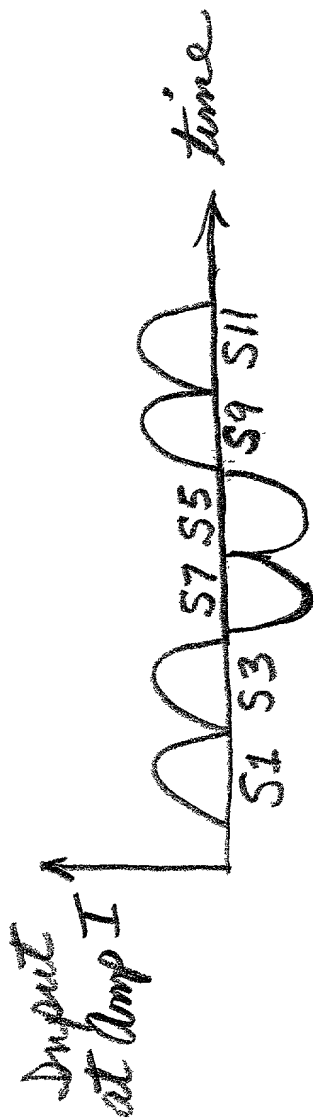


FIG. 10